Reagent Rental Immunoassay Analyzer Specifications

System	Fully automated, multi-channel immunoassay analyzer for random access processing of ECL based immunoassays.
System Components	Self contained bench top analyzer comprising as analytical unit and a customized user interface.
System Throughput	up to 86 samples per hour
Test Throughput	86 results per hour (steady state mode, only 18 min assays)
Number of Channels	18 channels (reagent slots) for max 18 different chemistries
Programmable parameters	n/a. programming-by-loading (PBT) concept, application data are transferred without operator intervention from the 2D barcode of the reagent pack (RP) into the instrument database
Sample material	Serum/Plasma, Urine, others
Sample input/output	Rack: 15 racks with 5 samples each (=75 samples in/out)
Sample Volume	10 – 50 uL
Sample Dilution	onboard, user definable, 1 or 2 step, max 1:400
Sample clot detection	available (pressure sensor)
Sample Barcode Types	Code 128 Codabar (NW7) Interleaved 2 of 5 Code 39
System Interfaces	RS 232 serial interface, bi-directional Ethernet connectivity to data station
Sample Data Base	2,000 results (sample and QC)
Calibrator/QC Input	Specific barcoded CalSet vials

Assays	TSH
	PSA
	HBsAg
	HBsAg Confirmatory
	Anti-HBs
	Rubella
Service	Field service response Monday through Friday, 8 to 5